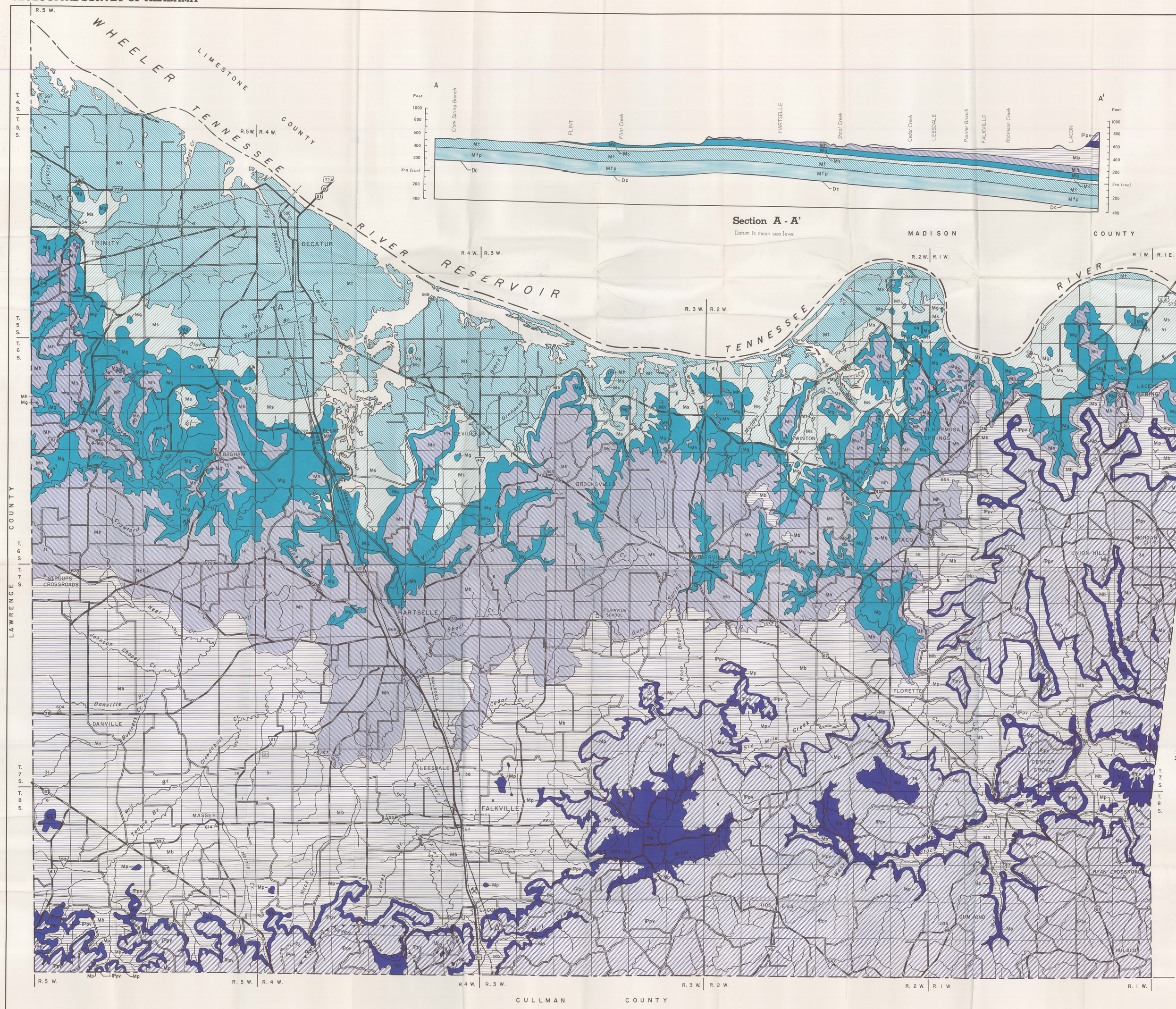

EXPLANATION

Ppv — Pottsville Formation
Sandstone, gray and yellowish-brown, fine- to coarse-grained, massive and thin-bedded; some shale, siltstone, and thin beds or lenses of coal.

Mp — Pennington Formation
Shale, red and green; some limestone and dolomite.

Mb — Bangor Limestone
Limestone, gray to bluish-gray, thin- to thick-bedded, oolitic in part; some chert nodules.

Mh — Hartselle Sandstone
Sandstone, gray, fine-grained, thin- to thick-bedded, contains beds of silty or sandy shale and siltstone.

Mg — Gasper Formation
Shale, gray, soft, calcareous; in middle part, gray medium- to coarse-grained oolitic limestone.

Ms — Ste. Genevieve Limestone
Limestone, light- to dark-gray, massive, oolitic; light- to dark-gray massive shale; beds of chert and limestone in upper part.

Mt — Tuscumbia Limestone
Limestone, light-gray to light-olive-gray, fine- to coarse-grained, thick-bedded; contains nodules of bluish-gray chert.

Mfp — Fort Payne Chert (in subsurface)
Limestone and dolomite, blueish- to greenish-gray, fine-grained; contains some gray chert.

Dc — Chattanooga Shale (in subsurface)
Shale, dark-brownish-gray, fissile; contains pyrite; sandstone.

PENNSYLVANIAN
MISSISSIPPIAN
CARBONIFEROUS

Quarry

Thrust fault
Saw teeth on upper plate
Dashed where inferred, queried where doubtful.

△586 Bench mark and elevation

TRUE NORTH
MAGNETIC NORTH
3½°

APPROXIMATE MEAN DECLINATION 1958

1 0 1 2 3 Miles

Base modified from TVA-USGS topographic quadrangle sheets

GEOLOGIC MAP OF MORGAN COUNTY, ALABAMA

By Chester L. Dodson and Wiley F. Harris, Jr.

1963

The nomenclature on this map follows that of the Geological Survey of Alabama but does not necessarily follow that in use by the U.S. Geological Survey